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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Substitute for form 1449A/PTO

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Application Number	09/311,464
Filing Date	5/13/99
First Named Inventor	MARTIN FREILICH
Group Art Unit	3732
Examiner Name	LUCCHESI, N
Attorney Docket Number	JPP-1231

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
M		3,066,112		BOWEN	11/27/1962	
		3,194,784		BOWEN	07/13/1965	
		3,179,623		BOWEN	04/20/1965	
		3,715,331		MOLNAR	02/06/1973	
		3,751,399		LEE	08/07/1973	
		3,926,906		LEE	12/16/1975	
		4,544,359		WAKNINE	10/01/1985	
		4,547,531		WAKNINE	10/15/1985	
		4,717,341		GOLDBERG	01/05/1988	
		4,894,012		GOLDBERG	01/16/1990	
		5,064,374		LUNDGREN	11/12/1991	
		5,276,068		WAKNINE	01/04/1994	
		5,444,104		WAKNINE	08/22/1995	
		5,662,475		MENA	09/02/1997	
		5,684,103		JIA	11/04/1997	
		5,994,246		DENRY	11/30/1999	
		6,013,694		JIA	01/11/2000	
		6,030,209		PANZERA	02/29/2000	
		6,086,662		BRODKIN	01/11/2000	
		6,087,282		PANZERA	01/11/2000	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
M			DE 40 15 008 A1		KORBER	11/14/1991		
M			WO 94/1488		BRUSCHELLI	01/14/1994		

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Attorney Docket Number	JPP-1231
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

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Group Art Unit	3732
Examiner Name	LUCCHESI, N
Attorney Docket Number	JPP-1231

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
W		RUYSER IE; EKSTRAND K; BJORK N, "Development of Carbon/graphite fiber reinforced poly(methyl methacrylate) suitable for implant-fixed dental bridges." Dental Materials, 1986 2 (1): 6-9, February	
W		BJORK N; EKSTRAND K; RUYSER E, "Carbon/graphite fiber reinforced polymer implant bridge prostheses." Swedish Dental Journal, 1985 2S :77-84	
W		BJORK N; EKSTRAND K, RUYSER I.E., "Carbon/graphite fibre reinforced poly(methyl methacrylate)." Biomaterials, 1986 Vol. 7 January 73-75	
W		MEIERS, J.C., FREILICH, M.A., "Chairside prefabricated fiber-reinforced resin composite fixed partial dentures." Quintessence International, Volume 32, Number 2, 2001.	
W		BERGENDAL T; EKSTRAND K; KARLSSON U, "Evaluation of Implant Supported Carbon/Graphite Fiberreinforced poly methyl methacrylate prostheses." Clinical Oral Implants Research 1995: 6:246-253	
W		BJORK N; EKSTRAND K; RUYSER IE., "Implant-fixed dental bridges from carbon/graphite fibre reinforced poly methyl methacrylate). Biomaterials 1986 7 (1): 73-5 Jan.	

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